

WHAT IS CLAIMED IS:

1. A process scheduling system comprising

plural process schedulers respectively associated with plural user process groups each having at least one user process and selectively activated so as to search the associated user process groups for an executable user process,

an administrator for managing said plural process schedulers,

a process managing section respectively associated with said plural process schedulers for managing said plural user process groups, and

a selector cooperating with said administrator for selectively activating said plural process schedulers and informed of said executable user process.

2. The process scheduling system as set forth in claim 1, further comprising

a process changer associated with said selector and changing a presently processed user process to said executable user process.

3. The process scheduling system as set forth in claim 1, in which said administrator has pieces of data information respectively unique to said plural process schedulers.

4. The process scheduling system as set forth in claim 3, in which said pieces of data information are representative of starting addresses of programs for implementing said plural process schedulers, respectively.

5. The process scheduling system as set forth in claim 1, in which said process managing section has pieces of data information respectively each having at least one sub-piece of data information unique to said at least one user process of one of said user process groups.

6. A process for scheduling user processes, comprising the steps of:
 - a) retaining a context of presently processed user process;
 - b) calling a selector into execution;
 - c) selecting one of process schedulers respectively associated with user process groups each having at least one user process; and
 - d) causing said one of the process schedulers to search the associated user process group for an executable user process.
7. The process as set forth in claim 6, further comprising the step of causing a context of said executable user process for replacing said presently processed user process with said executable user process.